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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO	
10/632,765	08/01/2003	Izzat Hekmat Izzat	PU020408	5049	
24498 IOSEPH I L.A	7590 10/03/2007 AKS, VICE PRESIDENT	•	EXAMINER		
THOMSON LICENSING LLC			LEE, CHI HO A		
PATENT OPE PO BOX 5312			ART UNIT PAPER NUMBER		
	, NJ 08543-5312		2616 .		
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			10/03/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

		Application No.	Applicant(s)	
Andrew Lee 2616 The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. AND PROVIDED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. All Opened for reply a specified above, the restriction statistics period will apply and will active SK (8) MONTHS from the mailing day of the statistic period will apply and will active SK (8) MONTHS from the mailing day of the statistic period will apply and will active 3 (8) MONTHS from the mailing date of this communication, even if threely feed, may reduce any search period them adjustment. See 37 CFR 1.784(9) will be stated and them adjustment. See 37 CFR 1.784(9) will be stated and them adjustment. See 37 CFR 1.784(9) will be stated and them adjustment. See 37 CFR 1.784(9) will be stated and them adjustment. See 37 CFR 1.784(9) will be stated and them adjustment. See 37 CFR 1.784(9) will be stated and see 37 CFR 1.784(9) will be stated and see 37 CFR 1.784(9). Since this application is in condition for allowance except for formal matters, prosecution as to the ments is closed in accordance with the practice under Exparte Quayle, 1935 C.D. 11, 453 Q.G. 213. Disposition of Claims 4) Claim(s) 1.10 (siare allowed. 5) Claim(s) 1.10 (siare allowed. 6) Claim(s) 1.10 (siare allowed. 6) Claim(s) 1.10 (siare allowed. 7) Claim(s) 1.10 (siare allowed. 8) Claim(s) 1.10 (siare allowed. 10) The drawing(s) filed on is/are objected to by the Examiner. 10) The drawing(s) filed on is/are allowed. 11) The drawing(s) filed on is/are allowed. 12) Claim(s) is/are allowed. 13) Claim(s) is/are objected to by the Examiner. 14) Claim(s) is/are objected to by the Examiner. 15) Claim(s)	Office Action Commence	10/632,765	IZZAT ET AL.	
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2a) This action is FINAL. 2b) This action is non-final. 3 Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-10 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of Certified copies of the priority documents have been received. 2 Certified copies of the priority documents have been received in Application No, 3 Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received. Attachment(e) 1) Notice of Partsperson's Patent Drawing Review (PTO-948) 5) Notice of Informal Patent Application	Status	,		•
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DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 1-10 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

- 2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 3. Claims 1-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Key et al PG-PUB 2004/0148423 in view of Klinker et al PG-PUB 2007/0140128.

Re Claim 1, Key et al teaches in fig. 2 teaches a codec 204 for encoding the media object into a signal for transmission over a communication network 220; further includes a RTCP module [0048] for receiving communication parameters related to the status of the communication network; further includes a media controller for modifying the quantization level of the codec [0049] wherein the change is based on the RTCP module. Key et al fails to explicitly teach, "adapting the communication parameter...using a neural network". However, Klinker et al teaches Passive flow analyzer 630 that uses neural network to learn and monitor the network performance for traffic, wherein the parameters are RTCP [0102]. One skilled in the art would have been motivated to used the neural network learning technique in Klinker et al into the RTCP module of Key et al to determine the traffic patterns and anomalous behavior to

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effective control the encoding rate. Therefore, it would have been obvious to one ordinary skilled to combine the references.

Re Claims 2, 3, 7, 8, refer to Claim 1, these parameters are known RTCP parameters

Re Claims 4, 5, 9, 10, refer to Claim 1, one skilled would have been motivated to used standardized MPEG encoding.

Re Claim 6, refer to Claim 1, depend on the RTCP module, one skilled would have be motivated to adjust an amount of base layer data.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew Lee whose telephone number is 571-272-3130. The examiner can normally be reached on Monday to Friday from 8:30AM to 6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Firman Backer can be reached on 571-272-6703. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

PRIMARY PATENT EXAMINES